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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Apr 08	"Ask CAS" for self-help around the clock
NEWS	3	Jun 03	New e-mail delivery for search results now available
NEWS	4	Aug 08	PHARMAMarketLetter(PHARMAML) - new on STN
NEWS	5	Aug 19	Aquatic Toxicity Information Retrieval (AQUIRE) now available on STN
NEWS	6	Aug 26	Sequence searching in REGISTRY enhanced
NEWS	7	Sep 03	JAPIO has been reloaded and enhanced
NEWS	8	Sep 16	Experimental properties added to the REGISTRY file
NEWS	9	Sep 16	CA Section Thesaurus available in CAPLUS and CA
NEWS	10	Oct 01	CASREACT Enriched with Reactions from 1907 to 1985
NEWS	11	Oct 24	BEILSTEIN adds new search fields
NEWS	12	Oct 24	Nutraceuticals International (NUTRACEUT) now available on STN
NEWS	13	Nov 18	DKILIT has been renamed APOLLIT
NEWS	14	Nov 25	More calculated properties added to REGISTRY
NEWS	15	Dec 04	CSA files on STN
NEWS	16	Dec 17	PCTFULL now covers WP/PCT Applications from 1978 to date
NEWS	17	Dec 17	TOXCENTER enhanced with additional content
NEWS	18	Dec 17	Adis Clinical Trials Insight now available on STN
NEWS	19	Jan 29	Simultaneous left and right truncation added to COMPENDEX, ENERGY, INSPEC
NEWS	20	Feb 13	CANCERLIT is no longer being updated
NEWS	21	Feb 24	METADEX enhancements
NEWS	22	Feb 24	PCTGEN now available on STN
NEWS	23	Feb 24	TEMA now available on STN
NEWS	24	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS	25	Feb 26	PCTFULL now contains images
NEWS	26	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS	27	Mar 20	EVENTLINE will be removed from STN
NEWS	28	Mar 24	PATDPAFULL now available on STN
NEWS	29	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS	30	Apr 11	Display formats in DGENE enhanced
NEWS	31	Apr 14	MEDLINE Reload
NEWS	32	Apr 17	Polymer searching in REGISTRY enhanced
NEWS	33	Apr 21	Indexing from 1947 to 1956 being added to records in CA/CAPLUS
NEWS	34	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS	35	Apr 28	RDISCLOSURE now available on STN
NEWS	36	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS	37	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS	38	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS	39	May 16	CHEMREACT will be removed from STN
NEWS	40	May 19	Simultaneous left and right truncation added to WSCA
NEWS	41	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation

NEWS EXPRESS April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT  
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=> s sucralose

44 FILES SEARCHED...

L1 4124 SUCRALOSE

=> s l1 and purif?

28 FILES SEARCHED...

L2 336 L1 AND PURIF?

=> s l2 and extract?

29 FILES SEARCHED...

L3 220 L2 AND EXTRACT?

=> s l3 and (batch or continuous or countercurrent)

33 FILES SEARCHED...

L4 117 L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)

=> s l4 and (acetate or aqueous or water)

21 FILES SEARCHED...

42 FILES SEARCHED...

L5 117 L4 AND (ACETATE OR AQUEOUS OR WATER)

=> s l5 and (tetrachlorosucrose or remov? or separat? or chlorinated)

23 FILES SEARCHED...

42 FILES SEARCHED...

53 FILES SEARCHED...

L6 115 L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORINATE  
D)

=> s l6 and tetrachlorogalactotagatose

50 FILES SEARCHED...

L7 0 L6 AND TETRACHLOROGALACTOTAGATOSE

=> s l6 and (hildebrand(w)parameter)

28 FILES SEARCHED...

L8 0 L6 AND (HILDEBRAND(W) PARAMETER)

=> s l6 and crystalliz?

45 FILES SEARCHED...

L9 51 L6 AND CRYSTALLIZ?

=> s l9 and (mother(w)liquor or recycl?)

33 FILES SEARCHED...

L10 17 L9 AND (MOTHER(W) LIQUOR OR RECYCL?)

=> dis l10 1-17 bib abs

L10 ANSWER 1 OF 17 USPATFULL

AN 2002:61448 USPATFULL  
TI **Extractive solution crystallization** of chemical compounds  
IN Fontenot, Kevin J., Kingsport, TN, UNITED STATES  
PI US 2002035284 A1 20020321  
US 6500973 B2 20021231  
AI US 2001-870988 A1 20010601 (9)  
PRAI US 2000-208565P 20000602 (60)  
DT Utility  
FS APPLICATION  
LREP MORGAN, LEWIS & BOCKIUS, 1800 M STREET NW, WASHINGTON, DC, 20036-5869  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Page(s)  
LN.CNT 1149

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the **purification** and isolation of a chemical compound, by **extractive solution crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their **co-crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 2 OF 17 USPATFULL  
AN 1999:137496 USPATFULL  
TI **Chromatographic purification of chlorinated sucrose**  
IN Catani, Steven J., Athens, GA, United States  
Leinhos, Duane A., Athens, GA, United States  
O'Connor, Thomas, Athens, GA, United States  
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)  
PI US 5977349 19991102  
AI US 1998-22071 19980211 (9)  
PRAI US 1997-46980P 19970213 (60)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Wilson, James O.  
LREP Coletti, Ellen Ciambrone  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 13 Drawing Figure(s); 9 Drawing Page(s)  
LN.CNT 452

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for **separating**, in the liquid phase, a reaction mixture which comprises a first **chlorinated sucrose** and at least one additional component selected from the group consisting of at least one other **chlorinated sucrose** different from said first **chlorinated sucrose**, salt and solvent, by injecting said reaction mixture onto a fixed bed of solid adsorbent and treating with a desorbent such that:

(a) the first **chlorinated** sucrose passes through the adsorbent into a first recoverable product stream rich in said first **chlorinated** sucrose at a rate, which is different than the rate at which,

(b) at least one of said additional components passes through the adsorbent into at least a second recoverable stream rich in said additional component.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 3 OF 17 USPATFULL  
AN 1999:48111 USPATFULL  
TI Process for forming quickly dispersing comestible unit and product therefrom  
IN Cherukuri, Subraman R., Towner, NJ, United States  
Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5895664 19990420  
AI US 1994-259258 19940614 (8)  
RLI Continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1378

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 4 OF 17 USPATFULL  
AN 1999:21766 USPATFULL  
TI Apparatus for making rapidly-dissolving dosage units  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5871781 19990216  
AI US 1996-772022 19961219 (8)  
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Ryan, Patrick; Assistant Examiner: Leyson, Joseph

LREP Nolan, Sandra M.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1083  
AB The present invention involves an apparatus for making comestible units. The comestible units made in accordance with the present invention can include active ingredients and are capable of dissolving in the mouth of the consumer within several seconds. They are particularly useful as antacids and as delivery vehicles for biologically active ingredients, especially those which are ideally combined with antacid ingredients.

L10 ANSWER 5 OF 17 USPATFULL  
AN 1999:15522 USPATFULL  
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5866163 19990202  
AI US 1996-772023 19961219 (8)  
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS. Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1085

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 6 OF 17 USPATFULL  
AN 1998:159490 USPATFULL  
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5851553 19981222  
AI US 1996-772024 19961219 (8)  
RLI Continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551 76 Ser. No. US 1996-652252, filed on



23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416

DT Utility  
FS Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1092

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 7 OF 17 USPATFULL

AN 97:33514 USPATFULL  
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5622719 19970422  
AI US 1996-652252 19960523 (8)  
RLI Continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551

DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Hoffmann & Baron  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1111

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 8 OF 17 USPATFULL

AN 96:118388 USPATFULL

TI Process for forming quickly dispersing comestible unit and product therefrom  
IN Cherukuri, Subraman R., Towner, NJ, United States  
Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
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PI US 5587172 19961224  
AI US 1995-452666 19950526 (8)  
RLI Division of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon  
LREP Hoffmann & Baron  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1374  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 9 OF 17 USPATFULL  
AN 96:55861 USPATFULL  
TI Recovery of **sucralose** intermediates  
IN Navia, Juan L., Athens, GA, United States  
Walkup, Robert E., Watkinsville, GA, United States  
Neiditch, David S., Athens, GA, United States  
PA McNeill-PPC, Inc., Skillman, NJ, United States (U.S. corporation)  
PI US 5530106 19960625  
AI US 1995-368466 19950104 (8)  
RLI Continuation of Ser. No. US 1994-198744, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-30518, filed on 12 Mar 1993, now patented, Pat. No. US 5298611  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Nutter, Nathan M.  
LREP Metz, Charles J.  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 609  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB There is disclosed a process for recovering **sucralose-6-ester** from a feed mixture of 6-O-acyl-4,1',6'-trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide (such as N,N-dimethylformamide), wherein said process comprises **removing** a major proportion of said tertiary amide by steam distillation. In preferred aspects of the invention, the steam distillation is followed by **extraction** and then **purification** by **crystallization** or crystal aging to recover **sucralose-6-ester** in good yield.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 10 OF 17 USPATFULL

AN 96:21189 USPATFULL

TI Production of **sucralose** without intermediate isolation of crystalline **sucralose-6-ester**

IN Navia, Juan L., Athens, GA, United States

Walkup, Robert E., Watkinsville, GA, United States

Vernon, Nicholas M., Watkinsville, GA, United States

Neiditch, David S., Athens, GA, United States

PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)

PI US 5498709 19960312

AI US 1995-448710 19950524 (8)

RLI Continuation-in-part of Ser. No. US 1994-323954, filed on 17 Oct 1994, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Griffin, Ronald W.

LREP Metz, Charles J.

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is disclosed a process for producing **sucralose** from **sucralose-6-ester** whereby the **sucralose-6-ester** is deacylated directly either prior to or after **removal** of the tertiary amide reaction vehicle from the neutralized chlorination reaction mixture, to produce an **aqueous** solution of **sucralose** plus salts and impurities, from which **sucralose** is recovered by **extraction** and is then preferably **purified** by **crystallization**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 11 OF 17 USPATFULL

AN 94:97730 USPATFULL

TI Process for producing an esterified alkoxyated polyol

IN Handwerker, Beth M., West Chester, PA, United States

Cooper, Charles F., Paoli, PA, United States

Sekula, Bernard C., High Bridge, NJ, United States

PA Arco Chemical Technology, L.P., Englewood Cliffs, NJ, United States (U.S. corporation)

CPC International, Inc., Englewood Cliffs, NJ, United States (U.S. corporation)

PI US 5362894 19941108

AI US 1993-151330 19931112 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Carr, Deborah D.

LREP Harper, Stephen D.

CLMN Number of Claims: 23

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 772

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A method of obtaining a fatty acid-esterified alkoxyated polyol useful as a reduced calorie fat substitute is provided. The method utilizes a C.sub.1 -C.sub.4 alkyl ester of a C.sub.8 -C.sub.24 fatty acid such as methyl stearate or methyl oleate and a short chain acid-esterified alkoxyated polyol such as the **acetate** of propoxylated glycerin as reactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 12 OF 17 USPATFULL

AN 94:26639 USPATFULL  
TI **Sucralose** pentaester production  
IN Navia, Juan L., Athens, GA, United States  
Walkup, Robert E., Watkinsville, GA, United States  
Vernon, Nicholas M., Durham, England  
Wingard, Jr., Robert E., Athens, GA, United States  
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)  
PI US 5298611 19940329  
AI US 1993-30518 19930312 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Nutter, Nathan M.  
LREP Metz, Charles J.  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 593

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for producing substantially pure **sucralose** pentaester from a mixture of 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose in a reaction medium comprising a tertiary amide, wherein said process comprises the steps of:

(a) recovering the 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose from said mixture;

(b) peracylating the 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose product of step (a) to produce thereby 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester; and

(c) **crystallizing** the 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester product of step (b) to produce substantially pure 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 13 OF 17 USPATFULL

AN 93:14391 USPATFULL  
TI Propylene glycol diesters of medium chain and long chain saturated fatty acids useful as reduced calorie cocoa butter substitutes and hard butters  
IN Stipp, Gordon K., Cincinnati, OH, United States  
Kluesener, Bernard W., Harrison, OH, United States  
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)  
PI US 5188858 19930223  
AI US 1991-644042 19910118 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie  
LREP Gutttag, Eric W.  
CLMN Number of Claims: 42  
ECL Exemplary Claim: 31  
DRWN 4 Drawing Figure(s); 4 Drawing Page(s)  
LN.CNT 2037

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Reduced calorie 1,2-propylene glycol diesters, where one ester group contains a medium chain C.sub.6 -C.sub.12 saturated fatty acid radicals(s), and where the other ester group contains a long chain C.sub.20 -C.sub.24 saturated fatty acid radical(s) are disclosed. These

diesters are preferably obtained by the selective esterification of long chain saturated fatty acid monoesters of propylene glycol with the respective medium chain saturated fatty acids or anhydrides. Certain preferred diesters where the medium chain radicals are C.sub.8 and/or C.sub.10 radicals and where the long chain radicals are C.sub.20 and/or C.sub.22 radicals are particularly useful as reduced calorie cocoa butter substitutes and hard butters. Chocolate-flavored products formulated from these preferred diesters, when properly **crystallized**, are bloom resistant, even when subjected to thermal stress.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 14 OF 17 USPATFULL

AN 91:59094 USPATFULL

TI Process for recovery of organotin esters from reaction mixtures containing the same and re-use of the recovered organotin compounds

IN Vernon, Nicholas M., Athens, GA, United States

Walkup, Robert E., Watkinsville, GA, United States

PA Noramco, Inc., Athens, GA, United States (U.S. corporation)

PI US 5034551 19910723

AI US 1990-512690 19900423 (7)

DT Utility

FS Granted

EXNAM Primary Examiner: Prescott, Arthur C.

LREP Metz, Charles J.

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1150

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process which comprises **extracting** 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl) distannoxane from a mixture containing 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane, a sucrose-6-ester, and polar aprotic solvent, which process comprises the steps of:

(a) contacting said mixture, in the presence of a small amount of **water**, with an organic solvent that is substantially immiscible with **water** to form thereby an **extraction** mixture, wherein the amount of **water** employed is sufficient to cause efficient partitioning of said 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane from a first phase comprising said polar aprotic solvent into second phase comprising said organic solvent;

(b) agitating the **extraction** mixture for a period of time and at a temperature sufficient to form thereby a two-phase mixture wherein the preponderance of the 1,3-diacyloxy-1,1,3,3-tetra(hydrocabyl)distannoxane in the **extraction** mixture is contained in said second phase and essentially all of the sucrose-6-ester in the **extraction** mixture is contained in said first phase; and

(c) **separating** said first phase from said second phase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 15 OF 17 USPATFULL

AN 91:46787 USPATFULL

TI Sucrose-6-ester production process

IN Neiditch, David S., Athens, GA, United States

Vernon, Nicholas M., Athens, GA, United States

Wingard, Jr., Robert E., Athens, GA, United States

PA Noramco, Inc., Athens, GA, United States (U.S. corporation)

PI US 5023329 19910611

AI US 1990-512692 19900423 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett  
LREP Metz, Charles J.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1162

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Process which comprises reacting sucrose with a di-(hydrocarbyl)tin oxide in an inert organic reaction vehicle with **removal of water** for a period of time and at a temperature sufficient to produce a 1,3-di-(6-O-sucrose)-1,1,3,3-tetra(hydrocarbyl)distannoxane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 16 OF 17 USPATFULL  
AN 90:98814 USPATFULL  
TI Sucrose-6-ester chlorination  
IN Walkup, Robert E., Watkinsville, GA, United States  
Navia, Juan L., Athens, GA, United States  
Vernon, Nicholas M., Athens, GA, United States  
PA Noramco, Inc., Atlanta, GA, United States (U.S. corporation)  
PI US 4980463 19901225  
AI US 1989-382147 19890718 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett  
LREP Metz, Charles J.  
CLMN Number of Claims: 24  
ECL Exemplary Claim: 1  
DRWN 7 Drawing Figure(s); 6 Drawing Page(s)  
LN.CNT 1218

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the chlorination of sucrose-6-esters to produce 6',4,1'-trichlorosucrose-6-esters which comprises the steps of:

(a) adding at least seven molar equivalents of an acid chloride to a reaction mixture containing a sucrose-6-ester and a tertiary amide to form initially a chloroformiminium chloride salt which subsequently forms a complex with the hydroxyl groups of the sucrose-6-ester;

(b) subjecting the reaction mixture product of step (a) to an elevated temperature not higher than about 85.degree. C. for a period of time sufficient to produce a mixture of **chlorinated** sucrose-6-ester products consisting essentially of 6'-chlorosucrose-6-ester, 4,6'-dichlorosucrose-6-ester, and 1',6'-dichlorosucrose-6-ester; and

(c) subjecting the reaction mixture product of step (b) to an elevated temperature not higher than about 125.degree. C. for a period of time sufficient to produce a **chlorinated** product consisting essentially of 1',4,6'-trichlorosucrose-6-ester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L10 ANSWER 17 OF 17 USPAT2  
AN 2002:61448 USPAT2  
TI **Extractive solution crystallization** of chemical compounds  
IN Fontenot, Kevin J., Kingsport, TN, United States  
PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)  
PI US 6500973 B2 20021231

AI US 2001-870988 20010601 (9)  
PRAI US 2000-208565P 20000602 (60)  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Carr, Deborah D.  
LREP Graves, Bernard J., Blake, Michael J.  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 3 Drawing Page(s)  
LN.CNT 1168

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the **purification** and isolation of a chemical compound, by **extractive solution crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their **co-crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis 19 1-51 bib abs

L9 ANSWER 1 OF 51 IFIPAT COPYRIGHT 2003 IFI  
AN 2698124 IFIPAT;IFIUDB;IFICDB  
TI PRODUCTION OF SUCRALOSE WITHOUT INTERMEDIATE ISOLATION OF CRYSTALLINE SUCRALOSE-6-ESTER; DEACYLATION, **EXTRACTION**, **CRYSTALLIZATION**  
INF Navia, Juan L, Athens, GA  
Neiditch, David S, Athens, GA  
Vernon, Nicholas M, Watkinsville, GA  
Walkup, Robert E, Watkinsville, GA  
IN Navia Juan L; Neiditch David S; Vernon Nicholas M; Walkup Robert E  
PAF McNeil-PPC, Inc, Milltown, NJ  
PA McNeil-PPC Inc (21775)  
EXNAM Griffin, Ronald W  
AG Metz, Charles J  
PI US 5498709 19960312 (CITED IN 009 LATER PATENTS)  
AI US 1995-448710 19950524  
XPD 17 Oct 2014  
RLI US 1994-323954 19941017 CONTINUATION-IN-PART ABANDONED  
FI US 5498709 19960312  
DT UTILITY  
FS CHEMICAL  
GRANTED  
OS CA 124:343978  
MRN 007513 MFN: 0340  
CLMN 15  
AB There is disclosed a process for producing **sucralose** from **sucralose-6-ester** whereby the **sucralose-6-ester** is deacylated directly either prior to or after **removal** of the tertiary amide reaction vehicle from the neutralized chlorination

reaction mixture, to produce an aqueous solution of sucralose plus salts and impurities, from which sucralose is recovered by extraction and is then preferably purified by crystallization.

CLMN 15

L9 ANSWER 2 OF 51 USPATFULL

AN 2003:142858 USPATFULL

TI Coated chewing gum products containing antacid and method of making

IN Zyck, Daniel J., North Riverside, IL, United States

Greenberg, Michael J., Northbrook, IL, United States

Barkalow, David G., Deerfield, IL, United States

Marske, Scott W., LaGrange, IL, United States

Schnell, Philip G., Downers Grove, IL, United States

Mazzone, Philip, Griffith, IN, United States

PA Wm. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)

PI US 6569472 B1 20030527

AI US 2000-654464 20000901 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Corbin, Arthur L.

LREP Shurtz, Steven P., Brinks Hofer Gilson & Lione

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 951

AB A method of making antacid coated chewing gum products comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener and calcium carbonate having a median particle size of greater than about 3 microns and being suspended in the coating syrup; and applying the coating syrup to the cores and drying the syrup to produce a coating on the cores, the coating containing from about 25% to about 60% calcium carbonate.

L9 ANSWER 3 OF 51 USPATFULL

AN 2003:120881 USPATFULL

TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties

IN Wigerinck, Piet Tom Bert Paul, Vosselaar, BELGIUM

Verschueren, Wim Gaston, Berchem, BELGIUM

Schroven, Marc Francis Josephine, Wiekevorst, BELGIUM

De Bruyn, Marcel Frans Leopold, Wortel, BELGIUM

PI US 2003083365 A1 20030501

AI US 2002-116590 A1 20020403 (10)

RLI Division of Ser. No. US 2000-641485, filed on 18 Aug 2000, PENDING

PRAI EP 1997-203808 19971205

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON

PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1530

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.<sup>sup.1</sup> is C.sub.1-6alkanedyl optionally substituted with hydroxy, C.sub.1-4alkyloxy or C.sub.1-4alkylcarbonyloxy; -Z.<sup>sup.1</sup>-Z.<sup>sup.2</sup>- is a bivalent radical; R.<sup>sup.1</sup>, R.<sup>sup.2</sup> and R.<sup>sup.3</sup> are each independently selected from hydrogen, C.sub.1-6alkyl, hydroxy, halo and the like; or



when R.sup.1 and R.sup.2 are on adjacent carbon atoms, R.sup.1 and R.sup.2 taken together may form a bivalent radical; R.sup.4 is hydrogen or C.sub.1-6alkyl; A is a bivalent radical of formula --NR.sup.6--Alk.sup.2- (b-1), or --Npiperidinyl-(CH.sub.2).sub.m (b-2) wherein m is 0 or 1; R.sup.5 is a radical of formula ##STR2##

wherein n is 1 or 2; p.sup.1 is 0, and p.sup.2 is 1 or 2; or p.sup.1 is 1 or 2, and p.sup.2 is 0; X is oxygen, sulfur or .dbd.NR.sup.9; Y is oxygen or sulfur; R.sup.7 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, phenyl or phenylmethyl; R.sup.8 is C.sub.1-6alkyl, C.sub.3-6cycloalkyl phenyl or phenylmethyl; R.sup.9 is cyano, C.sub.1-6alkyl, C.sub.3-6cyclo-alkyl, C.sub.1-6alkyloxycarbonyl or aminocarbonyl; R.sup.10 is hydrogen or C.sub.1-6alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 4 OF 51 USPATFULL  
AN 2003:113686 USPATFULL  
TI Monocyclic benzamides of 3- or 4-substituted 4-(aminomethyl)-piperidine derivatives  
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM  
De Cleyn, Michel Anna Jozef, Merksplas, BELGIUM  
Surkyn, Michel, Turnhout, BELGIUM  
PI US 2003078427 A1 20030424  
AI US 2002-162802 A1 20020605 (10)  
RLI Continuation of Ser. No. US 2000-462287, filed on 5 Jan 2000, PENDING A 371 of International Ser. No. WO 1998-EP4189, filed on 7 Jul 1998, UNKNOWN  
PRAI EP 1997-202180 19970711  
EP 1998-200624 19980227  
DT Utility  
FS APPLICATION  
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON PLAZA, NEW BRUNSWICK, NJ, 08933-7003  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1546

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R.sup.1 is C.sub.1-6alkyloxy, C.sub.2-6alkenyloxy or C.sub.2-6alkynyl-oxy; R.sup.2 is hydrogen, C.sub.1-6alkyl C.sub.1-6alkyloxy; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, C.sub.5-6cycloalkanone, C.sub.2-6alkenyl, or L is a radical of formula-Alk-R.sup.6-- , Alk-X--R.sup.7, --Alk-Y--C(.dbd.O)--R.sup.9, or --Alk-Y--C(.dbd.O)--NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, C.sub.5-6cyclo-alkanone, or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, or a heterocyclic ringsystem; X is O, S, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy or hydroxy; Y is NR.sup.10 or a direct bond; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl,

piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 5 OF 51 USPATFULL  
AN 2003:96092 USPATFULL  
TI 4-(aminomethyl)-piperidine benzamides for treating gastrointestinal disorders  
IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM  
Meulemans, Ann Louise Gabrielle, Mol, BELGIUM  
De Cleyn, Michel Anna Jozef, Mekerplas, BELGIUM  
Gijssen, Henricus Jacobus Maria, Breda, NETHERLANDS  
PA Janssen Pharmaceutica, N.V., BELGIUM (non-U.S. corporation)  
PI US 6544997 B1 20030408  
WO 2000037461 20000629  
AI US 2001-857905 20010608 (9)  
WO 1999-EP10064 19991214  
20010608 PCT 371 date  
PRAI EP 1998-204411 19981222  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Liu, Hong  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1644

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof,  
--R.sup.1--R.sup.2-- is a bivalent radical of formula wherein in said bivalent radicals one or two hydrogen atoms may be substituted with C.sub.1-6alkyl or hydroxy; R.sup.3 is hydrogen or halo; R.sup.4 is hydrogen or C.sub.1-6alkyl; R.sup.5 is hydrogen or C.sub.1-6alkyl; L is C.sub.3-6cycloalkyl, oxoC.sub.5-6cycloalkyl, C.sub.2-6alkenyl, or L is a radical of formula --Alk--R.sup.6--, Alk--X--R.sup.7,  
--Alk--Y--C(.dbd.O)--R.sup.9, or --Alk--Y--C(.dbd.O)--NR.sup.11R.sup.12 wherein each Alk is C.sub.1-12alkanediyl; and R.sup.6 is hydrogen, amino, cyano, C.sub.1-6alkylsulfonylamino, C.sub.3-6cycloalkyl, oxoC.sub.5-6cycloalkyl, aryl or a heterocyclic ringsystem; R.sup.7 is hydrogen, C.sub.1-6alkyl, hydroxyC.sub.1-6alkyl, C.sub.3-6cycloalkyl, aryl or a heterocyclic ringsystem; X is O, S, SO.sub.2 or NR.sup.8; said R.sup.8 being hydrogen or C.sub.1-6alkyl; R.sup.9 is hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, C.sub.1-6alkyloxy, hydroxy or aryl; Y is a direct bond or NR.sup.10; said R.sup.10 being hydrogen, or C.sub.1-6alkyl; R.sup.11 and R.sup.12 each independently are hydrogen, C.sub.1-6alkyl, C.sub.3-6cycloalkyl, or R.sup.11 and R.sup.12 combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl, piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating or preventing gastrointestinal disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 6 OF 51 USPATFULL  
AN 2002:332736 USPATFULL  
TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties  
IN Wigerinck, Piet Tom Bert Paul, Vosselaar, BELGIUM

Verschueren, Wim Gaston, Berchem, BELGIUM  
Schroven, Marc Francis Josephine, Wiekevorst, BELGIUM  
De Bruyn, Marcel Frans Leopold, Wortel, BELGIUM

PA Janssen Pharmaceutica, N.V., Beerse, BELGIUM (non-U.S. corporation)  
PI US 6495547 B1 20021217  
AI US 2000-641485 20000818 (9)  
RLI Division of Ser. No. US 1998-192686, filed on 16 Nov 1998, now patented,  
Pat. No. US 6133277  
PRAI EP 1997-203808 19971205  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Berch, Mark L.; Assistant Examiner: Habte, Kahsay  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1342

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.<sup>sup.1</sup> is C.<sub>sub.1-6</sub>alkanediyl optionally substituted with hydroxy, C.<sub>sub.1-4</sub>alkyloxy or C.<sub>sub.1-4</sub>alkylcarbonyloxy; --Z.<sup>sup.1</sup>--Z.<sup>sup.2</sup>-- is a bivalent radical; R.<sup>sup.1</sup>, R.<sup>sup.2</sup> and R.<sup>sup.3</sup> are each independently selected from hydrogen, C.<sub>sub.1-6</sub>alkyl, hydroxy, halo and the like; or when R.<sup>sup.1</sup> and R.<sup>sup.2</sup> are on adjacent carbon atoms, R.<sub>sub.1</sub> and R.<sub>sup.2</sub> taken together may form a bivalent radical; R.<sup>sup.4</sup> is hydrogen or C.<sub>sub.1-6</sub>alkyl; A is a bivalent radical of formula --NR.<sup>sup.6</sup>--Alk.<sup>sup.2</sup>-- (b-1), or --Npiperidinyl-(CH.<sub>sub.2</sub>).<sub>sub.m</sub> (b-2) wherein m is 0 or 1; R.<sup>sup.5</sup> is a radical of formula ##STR2##

wherein n is 1 or 2; p.<sup>sup.1</sup> is 0, and p.<sub>sub.2</sub> is 1 or 2; or p.<sup>sup.1</sup> is 1 or 2, and p.<sup>sup.2</sup> is 0; X is oxygen, sulfur or .dbd.NR.<sup>sup.9</sup>; Y is oxygen or sulfur; R.<sup>sup.7</sup> is hydrogen, C.<sub>sub.1-6</sub>alkyl, C.<sub>sub.3-6</sub>cycloalkyl, phenyl or phenylmethyl; R.<sup>sup.8</sup> is C.<sub>sub.1-6</sub>alkyl, C.<sub>sub.3-6</sub>cycloalkyl phenyl or phenylmethyl; R.<sup>sup.9</sup> is cyano, C.<sub>sub.1-6</sub>alkyl, C.<sub>sub.3-6</sub>cyclo-alkyl, C.<sub>sub.1-6</sub>alkyloxycarbonyl or aminocarbonyl; R.<sup>sup.10</sup> is hydrogen or C.<sub>sub.1-6</sub>alkyl; and Q is a bivalent radical. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 7 OF 51 USPATFULL  
AN 2002:308396 USPATFULL  
TI Pharmaceutical compositions comprising norastemizole  
IN Redmon, Martin P., Oxford, MA, UNITED STATES  
Butler, Hal T., Marlborough, MA, UNITED STATES  
Wald, Stephen A., Sudbury, MA, UNITED STATES  
PI US 2002173522 A1 20021121  
AI US 2002-75616 A1 20020215 (10)  
RLI Continuation-in-part of Ser. No. US 2000-719843, filed on 21 Nov 2000, ABANDONED A 371 of International Ser. No. WO 1998-US5701, filed on 25 Mar 1998, UNKNOWN Continuation-in-part of Ser. No. US 1997-851786, filed on 6 May 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-824477, filed on 26 Mar 1997, ABANDONED Continuation-in-part of Ser. No. US 2000-721711, filed on 27 Nov 2000, ABANDONED Continuation-in-part of Ser. No. US 1997-851786, filed on 6 May 1997, ABANDONED Continuation-in-part of Ser. No. US 1997-824477, filed on 26 Mar 1997, ABANDONED  
DT Utility  
FS APPLICATION

LREP PENNIE & EDMONDS LLP, 1667 K STREET NW, SUITE 1000, WASHINGTON, DC,  
20006

CLMN Number of Claims: 40

ECL Exemplary Claim: 1

DRWN 2 Drawing Page(s)

LN.CNT 1736

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to chemically stable pharmaceutical formulations of the potent antihistamine, norastemizole. The compositions can include norastemizole, or a pharmaceutically acceptable salt thereof; a diluent; a binder; a disintegrant; and a lubricant or the compositions can include particles of norastemizole, or a pharmaceutically acceptable salt thereof, coated with an inert coating and a pharmaceutically acceptable excipient. The present invention also relates to methods of treating allergic disorders.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 8 OF 51 USPATFULL

AN 2002:239176 USPATFULL

TI Gastrokinetic monocyclic benzamides of 3- or 4-substituted  
4-(aminomethyl)-piperidine derivatives

IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM

De Cleyn, Michel Anna Jozef, Merksplas, BELGIUM

Surkyn, Michel, Turnhout, BELGIUM

PA Janssen Pharmaceutica N.V., Beerse, BELGIUM (non-U.S. corporation)

PI US 6452013 B1 20020917

WO 9902494 19990121

AI US 2000-462287 20000105 (9)

WO 1998-EP4189 19980707

20000105 PCT 371 date

PRAI EP 1997-202180 19970711

EP 1998-200624 19980227

DT Utility

FS GRANTED

EXNAM Primary Examiner: Raymond, Richard L.; Assistant Examiner: Patel,  
Sudhaker B.

LREP Coletti, Ellen Ciambrone

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1482

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R<sup>sup.1</sup> is C<sub>sub.1</sub>-6alkyloxy, C<sub>sub.2</sub>-6alkenyloxy or C<sub>sub.2</sub>-6alkynyl-oxy; R<sup>sup.2</sup> is hydrogen, C<sub>sub.1</sub>-6alkyl C<sub>sub.1</sub>-6alkyloxy; R<sup>sup.3</sup> is hydrogen or halo; R<sup>sup.4</sup> is hydrogen or C<sub>sub.1</sub>-6alkyl; R<sup>sup.5</sup> is hydrogen or C<sub>sub.1</sub>-6alkyl; L is C<sub>sub.3</sub>-6cycloalkyl, C<sub>sub.5</sub>-6cycloalkanone, C<sub>sub.2</sub>-6alkenyl, or L is a radical of formula --Alk--R<sup>sup.6</sup>--, Alk--X--R<sup>sup.7</sup>, -Alk-Y--C(.dbd.O)--R<sup>sup.9</sup>, or -Alk-Y--C(.dbd.O)--NR<sup>sup.11</sup>R<sup>sup.12</sup> wherein each Alk is C<sub>sub.1</sub>-12alkanediyl; and R<sup>sup.6</sup> is hydrogen, cyano, C<sub>sub.1</sub>-6alkylsulfonylamino, C<sub>sub.3</sub>-6cycloalkyl, C<sub>sub.5</sub>-6cycloalkanone, or a heterocyclic ringsystem; R<sup>sup.7</sup> is hydrogen, C<sub>sub.1</sub>-6alkyl, hydroxyC<sub>sub.1</sub>-6alkyl, C<sub>sub.3</sub>-6cycloalkyl, or a heterocyclic ringsystem; X is O, S, SO<sub>sub.2</sub> or NR<sup>sup.8</sup>; said R<sup>sup.8</sup> being hydrogen or C<sub>sub.1</sub>-6alkyl; R<sup>sup.9</sup> is hydrogen, C<sub>sub.1</sub>-6alkyl, C<sub>sub.3</sub>-6cycloalkyl, C<sub>sub.1</sub>-6alkyloxy or hydroxy; Y is NR<sup>sup.10</sup> or a direct bond; said R<sup>sup.10</sup> being hydrogen, or C<sub>sub.1</sub>-6alkyl; R<sup>sup.11</sup> and R<sup>sup.12</sup> each independently are hydrogen, C<sub>sub.1</sub>-6alkyl, C<sub>sub.3</sub>-6cycloalkyl, or R<sup>sup.11</sup> and R<sup>sup.12</sup> combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl,

piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 9 OF 51 USPATFULL  
AN 2002:239023 USPATFULL  
TI S-oxide lipid lowering compounds  
IN Janssen, Cornelus Gerardus Maria, Vosselaar, BELGIUM  
Roevens, Peter Walter Maria, Malle, BELGIUM  
Thijssen, Jozef Bertha August, Kasterlee, BELGIUM  
PA Janssen Pharmaceutica N.V., Beerse, BELGIUM (non-U.S. corporation)  
PI US 6451802 B1 20020917  
WO 2000037463 20000629  
AI US 2001-857838 20010608 (9)  
WO 1999-EP10065 19991214  
20010608 PCT 371 date  
PRAI EP 1998-204410 19981222  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Bernhardt, Emily  
LREP Coletti, Ellen Ciambrone  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 967

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to compounds of formula (I) ##STR1##

the N-oxides, the stereochemically isomeric forms thereof, and the pharmaceutically acceptable acid addition salts, wherein n is 1 or 2, R.sup.1 is hydrogen, C.sub.1-6alkyl or halo; R.sup.2 is hydrogen or halo; R.sup.3 is C.sub.1-8alkyl or C.sub.3-6cycloalkyl; Het is an optionally substituted triazole, imidazole, or thiazole; and --A--B-- is a bivalent radical of formula --CH.dbd.CH--, --N.dbd.CH--, --CH.dbd.N--, wherein optionally one of the hydrogen atoms is replaced by C.sub.1-4alkyl; having apolipoprotein B inhibiting activity and concomitant lipid lowering activity. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating disorders caused by an excess of very low density lipoproteins (VLDL) or low density lipoproteins (LDL), and especially disorders caused by the cholesterol associated with said VLDL and LDL, such as, for example, hyperlipidemia, obesitas or atherosclerosis.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 10 OF 51 USPATFULL  
AN 2002:221101 USPATFULL  
TI Milk-added coffee beverage  
IN Yokoo, Yoshiaki, Osaka, JAPAN  
Shibuya, Katsushi, Kyoto, JAPAN  
Hino, Yoshiko, Osaka, JAPAN  
Onishi, Tatsuji, Osaka, JAPAN  
Murakami, Katsushi, Osaka, JAPAN  
PI US 2002119236 A1 20020829  
AI US 2001-21434 A1 20011219 (10)  
PRAI JP 2000-390632 20001222  
DT Utility  
FS APPLICATION  
LREP NIXON & VANDERHYE P.C., 8th Floor, 1100 North Glebe Road, Arlington, VA,  
22201-4714

CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Page(s)  
LN.CNT 698

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention provides an economical process for producing a milk-added coffee beverage with an enhanced flavor in a process for producing a milk-added coffee beverage produced through a step of heat sterilization of coffee and milk component as the main raw materials; comprising adding a strongly basic substance and/or basic amino acid to coffee component and conducting the heat sterilization after milk component is admixed to the coffee component; whereby coagulation at the step of admixing milk component is prevented and precipitation which tends to arise after the heat sterilization is prevented with the use of much smaller amount of emulsifier and thickening agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 11 OF 51 USPATFULL

AN 2002:221081 USPATFULL

TI Coated chewing gum products containing an antigas agent

IN Zyck, Daniel J., North Riverside, IL, UNITED STATES

Greenberg, Michael J., Northbrook, IL, UNITED STATES

Barkalow, David G., Deerfield, IL, UNITED STATES

Marske, Scott W., LaGrange, IL, UNITED STATES

Schnell, Philip G., Downers Grove, IL, UNITED STATES

Mazzone, Philip, Griffith, IN, UNITED STATES

Hammond, John E., Crete, IL, UNITED STATES

Witkewitz, David L., Bridgeview, IL, UNITED STATES

Sitler, Daniel J., Woodridge, IL, UNITED STATES

Petrocelli, Raynold M., Chicago, IL, UNITED STATES

PI US 2002119216 A1 20020829

AI US 2000-747300 A1 20001222 (9)

DT Utility

FS APPLICATION

LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610

CLMN Number of Claims: 37

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 983

AB A method of making coated chewing gum products containing an antigas agent comprises the steps of providing chewing gum cores; providing a coating comprising a bulk sweetener; providing an antigas agent; and applying the antigas agent and coating syrup to the cores and drying the syrup to produce a coating on the cores.

L9 ANSWER 12 OF 51 USPATFULL

AN 2002:165249 USPATFULL

TI Bicyclic benzamides of 3- or 4-substituted 4-(aminomethyl)-piperidine derivatives

IN Bosmans, Jean-Paul Rene Marie Andre, Rijkevorsel, BELGIUM

De Cleyne, Michel Anna Jozef, Merksplas, BELGIUM

Surkyn, Michel, Kessel-lo, BELGIUM

PI US 2002086879 A1 20020704

AI US 2001-791227 A1 20010222 (9)

RLI Continuation of Ser. No. US 1999-349912, filed on 8 Jul 1999, ABANDONED

PRAI EP 1997-202180 19970711

EP 1998-200624 19980227

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON

PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 12

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1610

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) ##STR1##

a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, R<sup>sup.1</sup> and R<sup>sup.2</sup> taken together form a bivalent radical of formula wherein in said bivalent radicals one or two hydrogen atoms may be substituted with C<sub>sub.1-6</sub>alkyl; R<sup>sup.3</sup> is hydrogen or halo; R<sup>sup.4</sup> is hydrogen or C<sub>sub.1-6</sub>alkyl; R<sup>sup.5</sup> is hydrogen or C<sub>sub.1-6</sub>alkyl; L is C<sub>sub.3-6</sub>cycloalkyl, C<sub>sub.5-6</sub>cycloalkanone, C<sub>sub.2-6</sub>alkenyl, or L is a radical of formula --Alk--R<sup>sup.6</sup>--, Alk--X--R<sup>sup.7</sup>, --Alk--Y--C(.dbd.O)--R<sup>sup.9</sup>, or --Alk--Y--C(.dbd.O)-- NR<sup>sup.11</sup>R<sup>sup.12</sup> wherein each Alk is C<sub>sub.1-12</sub>alkanediyl; and R<sup>sup.6</sup> is hydrogen, cyano, C<sub>sub.1-6</sub>alkylsulfonylamino, C<sub>sub.3-6</sub>cycloalkyl, C<sub>sub.5-6</sub>cycloalkanone, or a heterocyclic ringsystem; R<sup>sup.7</sup> is hydrogen, C<sub>sub.1-6</sub>alkyl, hydroxyC<sub>sub.1-6</sub>alkyl, C<sub>sub.3-6</sub>cycloalkyl, or a heterocyclic ringsystem; X is O, SO<sub>sub.2</sub> or NR<sup>sup.8</sup>; said R<sup>sup.8</sup> being hydrogen or C<sub>sub.1-6</sub>alkyl; R<sup>sup.9</sup> is hydrogen, C<sub>sub.1-6</sub>alkyl, C<sub>sub.3-6</sub>cycloalkyl, C<sub>sub.1-6</sub>alkyloxy or hydroxy; Y is NR<sup>sup.10</sup> or a direct bond; said R<sup>sup.10</sup> being hydrogen, or C<sub>sub.1-6</sub>alkyl; R<sup>sup.11</sup> and R<sup>sup.12</sup> each independently are hydrogen, C<sub>sub.1-6</sub>alkyl, C<sub>sub.3-6</sub>cycloalkyl, or R<sup>sup.11</sup> and R<sup>sup.12</sup> combined with the nitrogen atom may form an optionally substituted pyrrolidinyl, piperidinyl, piperazinyl or 4-morpholinyl ring. Processes for preparing said products, formulations comprising said products and their use as a medicine are disclosed, in particular for treating conditions which are related to impairment of gastric emptying.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 13 OF 51 USPATFULL

AN 2002:119902 USPATFULL

TI Angiogenesis inhibiting 5-substituted-1,2,4,-thiadiazolyl derivatives

IN Stokbroekx, Raymond Antoine, Beerse, BELGIUM

Ceusters, Marc Andre, Diest, BELGIUM

Van der Aa, Marcel Jozef Maria, Turnhout, BELGIUM

Luyckx, Marcel Gerebernus Maria, Geel, BELGIUM

Willems, Marc, Vosselaar, BELGIUM

Tuman, Robert W., Chalfont, PA, UNITED STATES

PI US 2002061890 A1 20020523

AI US 2001-998975 A1 20011119 (9)

RLI Continuation of Ser. No. US 2000-446591, filed on 21 Apr 2000, PENDING

PRAI EP 1997-201931 19970624

US 1997-53003P 19970710 (60)

DT Utility

FS APPLICATION

LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON

PLAZA, NEW BRUNSWICK, NJ, 08933-7003

CLMN Number of Claims: 12

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 670

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein X is CH or N; R<sup>sup.1</sup> is hydrogen, C<sub>sub.1-6</sub>alkyl, C<sub>sub.1-6</sub>alkyloxy, C<sub>sub.1-6</sub>alkylthio, amino, mono- or di(C<sub>sub.1-6</sub>alkyl)amino, Ar<sup>sup.1</sup>, Ar<sup>sup.1</sup>NH--, C<sub>sub.3-6</sub>cycloalkyl, hydroxymethyl or benzyloxymethyl; R<sup>sup.2</sup> is hydrogen, C<sub>sub.1-6</sub>alkyl, amino, aminocarbonyl, mono- or

di(C.sub.1-6alkyl)amino, C.sub.1-6alkyloxycarbonyl, C.sub.1-6alkylcarbonylamino, hydroxy or C.sub.1-6alkyloxy; R.sup.3, R.sup.4 and R.sup.5 are each independently selected from hydrogen, halo, C.sub.1-6alkyl, C.sub.1-6alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6alkyloxyC.sub.1-6alkyl, C.sub.1-6alkylthio, C.sub.1-6alkyloxycarbonyl or Het.sup.1; ##STR2##

is Ar.sup.2, Ar.sup.2CH.sub.2-- or Het.sup.2; Ar.sup.1 and Ar.sup.2 optionally substituted phenyl; Het.sup.1 and Het.sup.2 are optionally substituted monocyclic heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 14 OF 51 USPATFULL  
AN 2002:61448 USPATFULL  
TI **Extractive solution crystallization** of chemical compounds  
IN Fontenot, Kevin J., Kingsport, TN, UNITED STATES  
PI US 2002035284 A1 20020321  
US 6500973 B2 20021231  
AI US 2001-870988 A1 20010601 (9)  
PRAI US 2000-208565P 20000602 (60)  
DT Utility  
FS APPLICATION  
LREP MORGAN, LEWIS & BOCKIUS, 1800 M STREET NW, WASHINGTON, DC, 20036-5869  
CLMN Number of Claims: 25  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Page(s)  
LN.CNT 1149

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the **purification** and isolation of a chemical compound, by **extractive solution crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their **co-crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzoyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 15 OF 51 USPATFULL  
AN 2001:218509 USPATFULL  
TI Angiogenesis inhibiting thiadiazolyl pyridazine derivatives  
IN Stokbroekx, Raymond Antoine, Beerse, Belgium  
Ceusters, Marc Andre, Diest, Belgium  
Van der Aa, Marcel Jozef Maria, Turnhout, Belgium  
Luyckx, Marcel Gerebernus Maria, Geel, Belgium  
Willems, Marc, Vosselaar, Belgium  
Tuman, Robert W., Chalfont, PA, United States  
PI US 2001046999 A1 20011129  
AI US 2001-864594 A1 20010524 (9)



RLI Continuation of Ser. No. US 2000-446495, filed on 14 Aug 2000, GRANTED,  
Pat. No. US 6265407 A 371 of International Ser. No. WO 1998-EP4021,  
filed on 22 Jun 1998, UNKNOWN  
PRAI EP 1997-201930 19970624  
US 1997-52194P 19970710 (60)  
DT Utility  
FS APPLICATION  
LREP AUDLEY A. CIAMPORCERO JR., JOHNSON & JOHNSON, ONE JOHNSON & JOHNSON  
PLAZA, NEW BRUNSWICK, NJ, 08933-7003  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1115  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein R.sup.1 is hydrogen, C.sub.1-6alkyl, C.sub.1-6alkyloxy, C.sub.1-6alkylthio, amino, mono- or di(C.sub.1-6alkyl)amino, Ar.sup.1, Ar.sup.1-NH-, C.sub.3-6cycloalkyl, hydroxymethyl or benzyloxymethyl; R.sup.2 and R.sup.3 are hydrogen, or taken together may form a bivalent radical of formula -CH=CH-CH=CH-; R.sup.4, R.sup.5 and R.sup.6 are each independently selected from hydrogen, halo, C.sub.1-6alkyl, C.sub.1-6alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6alkyloxyC.sub.1-6alkyl, C.sub.1-6alkylthio, C.sub.1-6alkyloxy carbonyl or Het.sup.1; or when R.sup.4 and R.sup.5 are adjacent to each other they may be taken together to form a radical of formula -CH=CH-CH=CH-; A is a bivalent radical of formula NR.sup.7, NR.sup.7-Alk.sup.1-X-, NR.sup.7-Alk.sup.1-X-Alk.sup.2-, O-Alk.sup.1-X-, O-Alk.sup.1-X-Alk.sup.2- or S-Alk.sup.1-X-; wherein X is a direct bond, -O-, -S-, C=O, -NR.sup.8- or Het.sup.2; R.sup.7 is hydrogen, C.sub.1-6alkyl or Ar.sup.2methyl; R.sup.8 is hydrogen, C.sub.1-6alkyl or Ar.sup.2methyl; Alk.sup.1 is C.sub.1-6alkanediyl; Alk.sup.2 is C.sub.1-4alkanediyl; Ar.sup.1 and Ar.sup.2 are optionally substituted phenyl; phenyl; Het.sup.1 and Het.sup.2 are optionally substituted heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 16 OF 51 USPATFULL  
AN 2001:155472 USPATFULL  
TI Coated chewing gum products containing various antacids  
IN Zyck, Daniel J., North Riverside, IL, United States  
Greenberg, Michael J., Northbrook, IL, United States  
Barkalow, David G., Deerfield, IL, United States  
Marske, Scott W., LaGrange, IL, United States  
Schnell, Philip G., Downers Grove, IL, United States  
Mazzone, Philip, Griffith, IN, United States  
PI US 2001021403 A1 20010913  
AI US 2000-747323 A1 20001222 (9)  
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000,  
PENDING Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999,  
ABANDONED  
DT Utility  
FS APPLICATION  
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610  
CLMN Number of Claims: 33  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1048  
AB A method of making antacid coated chewing gum products comprises the steps of providing chewing gum cores; providing a coating syrup

comprising a bulk sweetener and a neutralizing antacid suspended in the coating syrup, the coating syrup containing from about 25% to about 50% by weight of the solids in the syrup of a neutralizing antacid, selected from the group consisting of aluminum salts, bismuth salts, magnesium salts, sodium bicarbonate, potassium bicarbonate, potassium citrate, sodium potassium tartrate, tricalcium phosphate and mixtures thereof, and applying the coating syrup to the cores and drying the syrup to produce a coating on the cores. Methods of use of the product to provide relief in the gastrointestinal tract are also included.

L9 ANSWER 17 OF 51 USPATFULL  
AN 2001:155442 USPATFULL  
TI Coated chewing gum products containing an acid blocker  
IN Zyck, Daniel J., North Riverside, IL, United States  
Greenberg, Michael J., Northbrook, IL, United States  
Barkalow, David G., Deerfield, IL, United States  
Marske, Scott W., LaGrange, IL, United States  
Schnell, Philip G., Downers Grove, IL, United States  
Mazzone, Philip, Griffith, IN, United States  
Witkewitz, David L., Bridgeview, IL, United States  
PI US 2001021373 A1 20010913  
US 6541048 B2 20030401  
AI US 2000-748699 A1 20001222 (9)  
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000,  
PENDING Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999,  
ABANDONED  
DT Utility  
FS APPLICATION  
LREP BRINKS HOFER GILSON & LIONE, P.O. BOX 10395, CHICAGO, IL, 60610  
CLMN Number of Claims: 42  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1018  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A method of making coated chewing gum products containing an acid blocker comprises the steps of providing chewing gum cores; providing a coating syrup comprising a bulk sweetener, providing an acid blocker, applying the coating syrup and acid blocker to the cores and drying the syrup to produce a coating on the cores, the coating containing the acid blocker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 18 OF 51 USPATFULL  
AN 2001:117013 USPATFULL  
TI Angiogenesis inhibiting thiadiazolyl pyridazine derivatives  
IN Stokbroekx, Raymond Antoine, Beerse, Belgium  
Ceusters, Marc Andre, Diest, Belgium  
Van der Aa, Marcel Jozef Maria, Turnhout, Belgium  
Luyckx, Marcel Gerebernus Maria, Geel, Belgium  
Willems, Marc, Vosselaar, Belgium  
Tuman, Robert W., Chalfont, PA, United States  
PA Janssen Pharmaceutica N.V., Belgium (non-U.S. corporation)  
PI US 6265407 B1 20010724  
WO 9858929 19981230  
AI US 2000-446495 20000814 (9)  
WO 1998-EP4021 19980622  
20000814 PCT 371 date  
20000814 PCT 102(e) date  
PRAI EP 1997-201930 19970624  
US 1997-52194P 19970710 (60)  
DT Utility  
FS GRANTED

EXNAM Primary Examiner: Bernhardt, Emily  
CLMN Number of Claims: 7  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1083  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB This invention concerns compounds of formula ##STR1##

the N-oxide forms, the pharmaceutically acceptable acid addition salts and stereochemically isomeric forms thereof, wherein R.sup.1 is hydrogen, C.sub.1-6 alkyl, C.sub.1-6 alkyloxy, C.sub.1-6 alkylthio, amino, mono- or di(C.sub.1-6 alkyl)amino, Ar.sup.1, Ar.sup.1 --NH--, C.sub.3-6 cycloalkyl, hydroxymethyl or benzyloxymethyl; R.sup.2 and R.sup.3 are hydrogen, or taken together may form a bivalent radical of formula --CH.dbd.CH--CH.dbd.CH--; R.sup.4, R.sup.5 and R.sup.6 are each independently selected from hydrogen, halo, C.sub.1-6 alkyl, C.sub.1-6 alkyloxy, trifluoromethyl, nitro, amino, cyano, azido, C.sub.1-6 alkyloxyC.sub.1-6 alkyl, C.sub.1-6 alkylthio, C.sub.1-6 alkyloxycarbonyl or Het.sup.1 ; or when R.sup.4 and R.sup.5 are adjacent to each other they may be taken together to form a radical of formula --CH.dbd.CH--CH.dbd.CH--; A is a bivalent radical of formula NR.sup.7, NR.sup.7 --Alk.sup.1 --X--, NR.sup.7 --Alk.sup.1 --X--Alk.sup.2 --, O--Alk.sup.1 --X--, O--Alk.sup.1 --X--Alk.sup.2 -- or S--Alk.sup.1 --X--; wherein X is a direct bond, --O--, --S--, C.dbd.O, --NR.sup.8 -- or Het.sup.2 ; R.sup.7 is hydrogen, C.sub.1-6 alkyl or Ar.sup.2 methyl; R.sup.8 is hydrogen, C.sub.1-6 alkyl or Ar.sup.2 methyl; Alk.sup.1 is C.sub.1-6 alkanediyl; Alk.sup.2 is C.sub.1-4 alkanediyl; Ar.sup.1 and Ar.sup.2 are optionally substituted phenyl; phenyl; Het.sup.1 and Het.sup.2 are optionally substituted heterocycles; having angiogenesis inhibiting activity; their preparation, compositions containing them and their use as a medicine.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 19 OF 51 USPATFULL  
AN 2000:138363 USPATFULL  
TI (Benzodioxan, benzofuran or benzopyran) derivatives having fundic relaxation properties  
IN Wigerinck, Piet Tom Bert Paul, Vosselaar, Belgium  
Verschueren, Wim Gaston, Berchem, Belgium  
Schroven, Marc Francis Josephine, Wiekevorst, Belgium  
De Bruyn, Marcel Frans Leopold, Wortel, Belgium  
PA Janssen Pharmaceutica N.V., Beerse, Belgium (non-U.S. corporation)  
PI US 6133277 20001017  
AI US 1998-192686 19981116 (9)  
PRAI EP 1997-203808 19971205  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Shah, Mukund J.; Assistant Examiner: Schroeder, Ben  
LREP Coletti, Ellen Ciambrone  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1422  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention of compounds of formula (I) a stereochemically isomeric form thereof, an N-oxide form thereof or a pharmaceutically acceptable acid addition salt thereof, wherein Alk.sup.1 is C.sub.1-6 alkanediyl optionally substituted with hydroxy, C.sub.1-4 alkyloxy or C.sub.1-4 alkylcarbonyloxy; --Z.sup.1 --Z.sup.2 -- is a bivalent radical; R.sup.1, R.sup.2 and R.sup.3 are each independently selected from hydrogen, C.sub.1-6 alkyl, hydroxy, halo and the like; or when R.sup.1 and R.sup.2 are on adjacent carbon atoms, R.sup.1 and R.sup.2 taken together may form a bivalent radical; R.sup.4 is hydrogen or

C.sub.1-6 alkyl; A is a bivalent radical of formula --NR.sup.6  
--Alk.sup.2 -- (b-1), or --Npiperidinyl--(CH.sub.2).sub.m (b-2) wherein  
m is 0 or 1; R.sup.5 is a radical of formula ##STR1## wherein n is 1 or  
2; p.sup.1 is 0, and p.sup.2 is 1 or 2; or p.sup.1 is 1 or 2, and  
p.sup.2 is 0; X is oxygen, sulfur or .dbd.NR.sup.9 ; Y is oxygen or  
sulfur; R.sup.7 is hydrogen, C.sub.1-6 alkyl, C.sub.3-6 cycloalkyl,  
phenyl or phenylmethyl; R.sup.8 is C.sub.1-6 alkyl, C.sub.3-6 cycloalkyl  
phenyl or phenylmethyl; R.sup.9 is cyano, C.sub.1-6 alkyl, C.sub.3-6  
cyclo-alkyl, C.sub.1-6 alkyloxy carbonyl or aminocarbonyl; R.sup.10 is  
hydrogen or C.sub.1-6 alkyl; and Q is a bivalent radical. Processes for  
preparing said products, formulations comprising said products and their  
use as a medicine are disclosed, in particular for treating conditions  
which are related to impaired fundic relaxation.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 20 OF 51 USPATFULL  
AN 2000:12465 USPATFULL  
TI Delivery of controlled-release system(s)  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 6020002 20000201  
AI US 1997-967248 19971105 (8)  
RLI Continuation of Ser. No. US 1996-698954, filed on 16 Aug 1996, now  
abandoned which is a division of Ser. No. US 1994-334729, filed on 4 Nov  
1994, now patented, Pat. No. US 5567439 which is a continuation-in-part  
of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned And Ser.  
No. US 1994-259258, filed on 14 Jun 1994  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1138

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method and a dosage unit for delivery of a  
controlled-release system. The dosage unit is a quick dissolve unit  
which can be prepared by mixing uncured shearform matrix and a  
controlled-release system, either molding or compacting a unit dosage  
form and curing the shearform matrix. The controlled-release systems  
used in the present invention include instantaneous release components,  
delayed release components, sustained release components, and  
combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 21 OF 51 USPATFULL  
AN 1999:170241 USPATFULL  
TI Use of 1,4-anhydroglucitol/galactitol in low calorie food products, and  
a method of preparing 1,4-anhydro-dl-galactitol  
IN Hendrick, deceased, Michael E., late of Groton, CT, United States by  
Martha S. Hendrick, executor  
Morton, Barry J., Gales Ferry, CT, United States  
Rafka, Robert J., Noank, CT, United States  
PA Cultor Ltd., Helsinki, Finland (non-U.S. corporation)  
PI US 6007848 19991228  
WO 9608976 19960328  
AI US 1997-809674 19970714 (8)  
WO 1995-IB308 19950428  
19970715 PCT 371 date

19970715 PCT 102(e) date

RLI Continuation of Ser. No. US 1994-311087, filed on 23 Sep 1994, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Pratt, Helen

CLMN Number of Claims: 22

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 544

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Low calorie food products that contain highly crystalline bulking agents that impart improved texture and mouthfeel to the food products are described. The food products contain 1,4-anhydroglucitol or 1,4-anhydrogalactitol and a food ingredient. A method of preparing 1,4-anhydro-DL-galactitol comprising heating galactitol in a water-immiscible, high-boiling, reaction-inert medium in the presence of a mineral acid is also described.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 22 OF 51 USPATFULL

AN 1999:137496 USPATFULL

TI Chromatographic purification of chlorinated sucrose

IN Catani, Steven J., Athens, GA, United States

Leinhos, Duane A., Athens, GA, United States

O'Connor, Thomas, Athens, GA, United States

PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)

PI US 5977349 19991102

AI US 1998-22071 19980211 (9)

PRAI US 1997-46980P 19970213 (60)

DT Utility

FS Granted

EXNAM Primary Examiner: Wilson, James O.

LREP Coletti, Ellen Ciambrone

CLMN Number of Claims: 17

ECL Exemplary Claim: 1

DRWN 13 Drawing Figure(s); 9 Drawing Page(s)

LN.CNT 452

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for separating, in the liquid phase, a reaction mixture which comprises a first chlorinated sucrose and at least one additional component selected from the group consisting of at least one other chlorinated sucrose different from said first chlorinated sucrose, salt and solvent, by injecting said reaction mixture onto a fixed bed of solid adsorbent and treating with a desorbent such that:

(a) the first chlorinated sucrose passes through the adsorbent into a first recoverable product stream rich in said first chlorinated sucrose at a rate, which is different than the rate at which,

(b) at least one of said additional components passes through the adsorbent into at least a second recoverable stream rich in said additional component.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 23 OF 51 USPATFULL

AN 1999:124499 USPATFULL

TI Process for forming chewable quickly dispersing multi-vitamin preparation and product therefrom

IN Fuisz, Richard C., McLean, VA, United States

Cherukuri, Subraman R., Vienna, VA, United States

Kota, Suresh B., Cupertino, CA, United States

Stewart, James L., Arlington, VA, United States

PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)

PI US 5965162 19991012

AI US 1998-100531 19980619 (9)

RLI Continuation-in-part of Ser. No. US 1998-97999, filed on 16 Jun 1998 which is a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551

DT Utility

FS Granted

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.

LREP Levis, John F.

CLMN Number of Claims: 19

ECL Exemplary Claim: 1

DRWN 3 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 935

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A composition and method for preparing multi-vitamin comestible units which disperse quickly in the mouth, especially when chewed, includes initiating **crystallization** of shearform matrix with **crystallization**/binding promoter and combining with an additive to form flowable, compactible micro-particulates. The combination is then shaped to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 24 OF 51 USPATFULL

AN 1999:92319 USPATFULL

TI Process for forming chewable quickly dispersing comestible unit and product therefrom

IN Cherukuri, Subraman R., Vienna, VA, United States

Fuisz, Richard C., McLean, VA, United States

Sanghvi, Pradeepkumar P., Herndon, VA, United States

Misra, Tushar K., Leesburg, VA, United States

Sisak, John R., Fairfax, VA, United States

PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)

PI US 5935600 19990810

AI US 1998-97999 19980616 (9)

RLI Continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551

DT Utility

FS Granted

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, S.

LREP Nolan, Sandra M.

CLMN Number of Claims: 16

ECL Exemplary Claim: 1

DRWN 3 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 1014

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention deals with compositions and methods for preparing comestible units which disperse quickly in the mouth, especially when chewed. The present invention also includes the product made therefrom. The method includes initiating **crystallization** of shearform matrix with **crystallization**/binding promoter and combining it with an additive to form flowable, compactible micro-particulates. The combination is then shaped to form a comestible unit having high

structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 25 OF 51 USPATFULL  
AN 1999:48111 USPATFULL  
TI Process for forming quickly dispersing comestible unit and product therefrom  
IN Cherukuri, Subraman R., Towner, NJ, United States  
Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5895664 19990420  
AI US 1994-259258 19940614 (8)  
RLI Continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1378

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 26 OF 51 USPATFULL  
AN 1999:21766 USPATFULL  
TI Apparatus for making rapidly-dissolving dosage units  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5871781 19990216  
AI US 1996-772022 19961219 (8)  
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Ryan, Patrick; Assistant Examiner: Leyson, Joseph  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1083  
AB The present invention involves an apparatus for making comestible units.

The comestible units made in accordance with the present invention can include active ingredients and are capable of dissolving in the mouth of the consumer within several seconds. They are particularly useful as antacids and as delivery vehicles for biologically active ingredients, especially those which are ideally combined with antacid ingredients.

L9 ANSWER 27 OF 51 USPATFULL  
AN 1999:15522 USPATFULL  
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5866163 19990202  
AI US 1996-772023 19961219 (8)  
RLI Division of Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416 And a continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 10  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1085  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 28 OF 51 USPATFULL  
AN 1998:162036 USPATFULL  
TI Delivery of controlled-release system(s)  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd, Chantilly, VA, United States (U.S. corporation)  
PI US 5853762 19981229  
AI US 1996-698922 19960816 (8)  
RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented, Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994 And a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1



DRWN No Drawings

LN.CNT 1146

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 29 OF 51 USPATFULL

AN 1998:159490 USPATFULL

TI Process and apparatus for making rapidly dissolving dosage units and product therefrom

IN Myers, Garry L., Reston, VA, United States

Battist, Gerald E., Reston, VA, United States

Fuisz, Richard C., Great Falls, VA, United States

PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)

PI US 5851553 19981222

AI US 1996-772024 19961219 (8)

RLI Continuation-in-part of Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551 76 Ser. No. US 1996-652252, filed on 23 May 1996, now patented, Pat. No. US 5622719 which is a continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993, now patented, Pat. No. US 5597416

DT Utility

FS Granted

EXNAM Primary Examiner: Harrison, Robert H.

LREP Nolan, Sandra M.

CLMN Number of Claims: 14

ECL Exemplary Claim: 1

DRWN 2 Drawing Figure(s); 2 Drawing Page(s)

LN.CNT 1092

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 30 OF 51 USPATFULL

AN 1998:159489 USPATFULL

TI Delivery of controlled-release system(s)

IN Myers, Garry L., Reston, VA, United States

Battist, Gerald E., Reston, VA, United States

Fuisz, Richard C., Great Falls, VA, United States

PA Fuisz Technologies, Ltd., Chantilly, VA, United States (U.S. corporation)

PI US 5851552 19981222

AI US 1996-698907 19960816 (8)

RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented,

Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned And Ser. No. US 1994-259258, filed on 14 Jun 1994

DT Utility  
FS Granted  
EXNAM Primary Examiner: Harrison, Robert H.  
LREP Nolan, Sandra M.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1157

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 31 OF 51 USPATFULL  
AN 1998:33610 USPATFULL  
TI Delivery of controlled-release system (s)  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5733577 19980331  
AI US 1996-698906 19960816 (8)  
RLI Division of Ser. No. US 1994-334729, filed on 4 Nov 1994, now patented, Pat. No. US 5567439 which is a continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1994-259258, filed on 14 Jun 1994, now abandoned

DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Nolan, Sandra M., Schmidt, Richard D.  
CLMN Number of Claims: 11  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1131

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 32 OF 51 USPATFULL  
AN 1998:27785 USPATFULL  
TI Apparatus and process for strengthening low density compression dosage units and product therefrom  
IN Battist, Gerald E., Reston, VA, United States  
Bogue, B. Arlie, Broad Run, VA, United States  
Myers, Garry L., Reston, VA, United States

PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5728400 19980317  
AI US 1996-743221 19961105 (8)  
RLI Division of Ser. No. US 1994-276244, filed on 18 Jul 1994, now patented,  
Pat. No. US 5616344 which is a continuation-in-part of Ser. No. US  
1994-259496, filed on 14 Jun 1994, now abandoned And Ser. No. US  
1994-259258, filed on 14 Jun 1994  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Baron, Ronald J., Nolan, Sandra M.  
CLMN Number of Claims: 8  
ECL Exemplary Claim: 1  
DRWN 19 Drawing Figure(s); 8 Drawing Page(s)  
LN.CNT 718

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a process for forming a low density compression dosage unit to provide increased strength. The process of the present invention includes compacting under bi-level compaction pressure to provide a **continuous**-volume dosage unit which has a first volume defining an edge portion of the unit and a density which is greater than a density of a second volume defining a non-edge portion of the unit. The present invention also includes the product resulting from the process and apparatus used to make such units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 33 OF 51 USPATFULL  
AN 97:33514 USPATFULL  
TI Process and apparatus for making rapidly dissolving dosage units and product therefrom  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5622719 19970422  
AI US 1996-652252 19960523 (8)  
RLI Continuation of Ser. No. US 1994-259496, filed on 14 Jun 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Hoffmann & Baron  
CLMN Number of Claims: 14  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1111

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing rapidly dissolving comestible units such as tablets. The present invention also includes an apparatus for making the comestible units and the units themselves. The product prepared in accordance with the present invention can include active ingredients and is capable of dissolving in the mouth of the consumer within several seconds. The unit dosage forms prepared in accordance with the present invention are particularly useful as antacids and as a delivery vehicle for biologically active ingredients, especially those which are ideally combined with antacid ingredients in order to ameliorate the effects of antacid environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 34 OF 51 USPATFULL

AN 97:26937 USPATFULL  
TI Apparatus and process for strengthening low density compression dosage units and product therefrom  
IN Battist, Gerald E., Reston, VA, United States  
Bogue, B. Arlie, Broad Run, VA, United States  
Myers, Garry L., Reston, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5616344 19970401  
AI US 1994-276244 19940718 (8)  
RLI Continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994  
And Ser. No. US 1994-259258, filed on 14 Jun 1994  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Hoffmann & Baron  
CLMN Number of Claims: 12  
ECL Exemplary Claim: 1  
DRWN 19 Drawing Figure(s); 8 Drawing Page(s)  
LN.CNT 704

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a process for forming a low density compression dosage unit to provide increased strength. The process of the present invention includes compacting under bi-level compaction pressure to provide a **continuous**-volume dosage unit which has a first volume defining an edge portion of the unit and a density which is greater than a density of a second volume defining a non-edge portion of the unit. The present invention also includes the product resulting from the process and apparatus used to make such units.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 35 OF 51 USPATFULL  
AN 96:118388 USPATFULL  
TI Process for forming quickly dispersing comestible unit and product therefrom  
IN Cherukuri, Subraman R., Towner, NJ, United States  
Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5587172 19961224  
AI US 1995-452666 19950526 (8)  
RLI Division of Ser. No. US 1994-259258, filed on 14 Jun 1994 which is a continuation-in-part of Ser. No. US 1993-133669, filed on 7 Oct 1993 And Ser. No. US 1993-119974, filed on 10 Sep 1993, now patented, Pat. No. US 5518551  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Howard, Sharon  
LREP Hoffmann & Baron  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN 3 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 1374

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method of preparing a comestible unit which disperses quickly in the mouth. The present invention also includes the product resulting from the method. The method includes initiating **crystallization** of shearform matrix and combining with an additive, either before or after initiating **crystallization**, to form flowable, compactible micro-particulates. The combination is then subjected to compacting to form a comestible unit having high structural integrity, good appearance, and excellent release characteristics.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 36 OF 51 USPATFULL  
AN 96:96783 USPATFULL  
TI Delivery of controlled-release systems(s)  
IN Myers, Garry L., Reston, VA, United States  
Battist, Gerald E., Reston, VA, United States  
Fuisz, Richard C., Great Falls, VA, United States  
PA Fuisz Technologies Ltd., Chantilly, VA, United States (U.S. corporation)  
PI US 5567439 19961022  
AI US 1994-334729 19941104 (8)  
RLI Continuation-in-part of Ser. No. US 1994-259496, filed on 14 Jun 1994  
And Ser. No. US 1994-259258, filed on 14 Jun 1994  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hulina, Amy  
LREP Hoffmann & Baron  
CLMN Number of Claims: 11  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1133

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention is a method and a dosage unit for delivery of a controlled-release system. The dosage unit is a quick dissolve unit which can be prepared by mixing uncured shearform matrix and a controlled-release system, either molding or compacting a unit dosage form and curing the shearform matrix. The controlled-release systems used in the present invention include instantaneous release components, delayed release components, sustained release components, and combinations thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 37 OF 51 USPATFULL  
AN 96:55861 USPATFULL  
TI Recovery of **sucralose** intermediates  
IN Navia, Juan L., Athens, GA, United States  
Walkup, Robert E., Watkinsville, GA, United States  
Neiditch, David S., Athens, GA, United States  
PA McNeil-PPC, Inc., Skillman, NJ, United States (U.S. corporation)  
PI US 5530106 19960625  
AI US 1995-368466 19950104 (8)  
RLI Continuation of Ser. No. US 1994-198744, filed on 18 Feb 1994, now abandoned which is a continuation-in-part of Ser. No. US 1993-30518, filed on 12 Mar 1993, now patented, Pat. No. US 5298611  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Nutter, Nathan M.  
LREP Metz, Charles J.  
CLMN Number of Claims: 9  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 609

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is disclosed a process for recovering **sucralose-6-ester** from a feed mixture of 6-O-acyl-4,1',6'-trichloro-4,1',6'-trideoxygalactosucrose in a reaction medium comprising a tertiary amide (such as N,N-dimethylformamide), wherein said process comprises **removing** a major proportion of said tertiary amide by steam distillation. In preferred aspects of the invention, the steam distillation is followed by **extraction** and then **purification** by **crystallization** or crystal aging to recover **sucralose-6-ester** in good yield.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 38 OF 51 USPATFULL  
AN 96:21189 USPATFULL  
TI Production of **sucralose** without intermediate isolation of  
crystalline **sucralose-6-ester**  
IN Navia, Juan L., Athens, GA, United States  
Walkup, Robert E., Watkinsville, GA, United States  
Vernon, Nicholas M., Watkinsville, GA, United States  
Neiditch, David S., Athens, GA, United States  
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)  
PI US 5498709 19960312  
AI US 1995-448710 19950524 (8)  
RLI Continuation-in-part of Ser. No. US 1994-323954, filed on 17 Oct 1994,  
now abandoned  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.  
LREP Metz, Charles J.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 652

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB There is disclosed a process for producing **sucralose** from  
**sucralose-6-ester** whereby the **sucralose-6-ester** is  
deacylated directly either prior to or after **removal** of the  
tertiary amide reaction vehicle from the neutralized chlorination  
reaction mixture, to produce an **aqueous** solution of  
**sucralose** plus salts and impurities, from which  
**sucralose** is recovered by **extraction** and is then  
preferably **purified** by **crystallization**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 39 OF 51 USPATFULL  
AN 95:62483 USPATFULL  
TI Chewing gum products using oligofructose  
IN Yotka, Robert J., Orland Park, IL, United States  
Richey, Lindell C., Lake Zurich, IL, United States  
Meyers, Marc A., Naperville, IL, United States  
PA Wm. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)  
PI US 5431929 19950711  
AI US 1994-244845 19940728 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Hunter, Jeanette  
LREP Shurtz, Steven P. William Brinks Hofer Gilson & Lione  
CLMN Number of Claims: 28  
ECL Exemplary Claim: 1  
DRWN 8 Drawing Figure(s); 8 Drawing Page(s)  
LN.CNT 1251  
AB Chewing gum products containing oligofructose and methods of making such  
products are disclosed. In one embodiment, the oligofructose is used in  
a rolling compound applied to the chewing gum product. In a second  
embodiment, the oligofructose is used in a coating, such as a hard-shell  
coating, for a pellet gum. In a third embodiment, oligofructose is used  
in the center fill of a chewing gum. In a fourth embodiment, aspartame  
is used to sweeten the gum composition and oligofructose is provided,  
preferably in an effective amount to stabilize the aspartame such that  
after eight weeks of storage at 85.degree. F., at least 5% less  
aspartame decomposes than would have decomposed if the oligofructose  
were not included. Oligofructose is also codried with other sweeteners,

coevaporated to make syrups and used as an encapsulating agent for high-intensity sweeteners or flavors used in gum compositions.

L9 ANSWER 40 OF 51 USPATFULL  
AN 94:110586 USPATFULL  
TI Method for controlling cookie geometry  
IN Chedid, Lisa, Monmouth Junction, NJ, United States  
Hennessey, Janet, Succasunna, NJ, United States  
PA Nabisco, Inc., Parsippany, NJ, United States (U.S. corporation)  
PI US 5374440 19941220  
AI US 1992-996419 19921223 (7)  
RLI Continuation-in-part of Ser. No. US 1991-804140, filed on 6 Dec 1991, now patented, Pat. No. US 5258197 which is a continuation-in-part of Ser. No. US 1990-624056, filed on 7 Dec 1990, now abandoned which is a continuation-in-part of Ser. No. US 1989-410161, filed on 20 Sep 1989, now abandoned  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Paden, Carolyn  
CLMN Number of Claims: 19  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 889  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A method for controlling spread in cookies uses in the cookie dough a shortening comprising geometry-altering triglycerides bearing long C.sub.16 to C.sub.22 saturated fatty acid residues and short C.sub.2 to C.sub.4 acid residues. In a preferred embodiment, the triglycerides have a solid fat index of about 10% to about 70% between 15.degree. and 30.degree. C., and the long residues are a mixture containing at least about 75% stearic acid residues while the short residues are derived from a mixture of acetic and propionic acid, a mixture of acetic and butyric, or a mixture of acetic, propionic, and butyric acid. The method is especially adapted to reducing spread in cookies containing an ingredient that promotes spread such as polydextrose. Cookies prepared with polydextrose and geometry-altering triglyceride compositions are low in calories.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 41 OF 51 USPATFULL  
AN 94:97730 USPATFULL  
TI Process for producing an esterified alkoxyated polyol  
IN Handwerker, Beth M., West Chester, PA, United States  
Cooper, Charles F., Paoli, PA, United States  
Sekula, Bernard C., High Bridge, NJ, United States  
PA Arco Chemical Technology, L.P., Englewood Cliffs, NJ, United States (U.S. corporation)  
CPC International, Inc., Englewood Cliffs, NJ, United States (U.S. corporation)  
PI US 5362894 19941108  
AI US 1993-151330 19931112 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Carr, Deborah D.  
LREP Harper, Stephen D.  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 772  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A method of obtaining a fatty acid-esterified alkoxyated polyol useful as a reduced calorie fat substitute is provided. The method utilizes a

C.sub.1 -C.sub.4 alkyl ester of a C.sub.8 -C.sub.24 fatty acid such as methyl stearate or methyl oleate and a short chain acid-esterified alkoxylated polyol such as the acetate of propoxylated glycerin as reactants.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 42 OF 51 USPATFULL  
AN 94:26639 USPATFULL  
TI **Sucralose** pentaester production  
IN Navia, Juan L., Athens, GA, United States  
Walkup, Robert E., Watkinsville, GA, United States  
Vernon, Nicholas M., Durham, England  
Wingard, Jr., Robert E., Athens, GA, United States  
PA McNeil-PPC, Inc., Milltown, NJ, United States (U.S. corporation)  
PI US 5298611 19940329  
AI US 1993-30518 19930312 (8)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Nutter, Nathan M.  
LREP Metz, Charles J.  
CLMN Number of Claims: 17  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 593

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for producing substantially pure **sucralose** pentaester from a mixture of 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose in a reaction medium comprising a tertiary amide, wherein said process comprises the steps of:

(a) recovering the 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose from said mixture;

(b) peracylating the 6-O-acyl-4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose product of step (a) to produce thereby 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester; and

(c) **crystallizing** the 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester product of step (b) to produce substantially pure 4,1',6' -trichloro-4,1',6' -trideoxygalactosucrose pentaester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 43 OF 51 USPATFULL  
AN 93:14391 USPATFULL  
TI Propylene glycol diesters of medium chain and long chain saturated fatty acids useful as reduced calorie cocoa butter substitutes and hard butters  
IN Stipp, Gordon K., Cincinnati, OH, United States  
Kluesener, Bernard W., Harrison, OH, United States  
PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)  
PI US 5188858 19930223  
AI US 1991-644042 19910118 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie  
LREP Guttag, Eric W.  
CLMN Number of Claims: 42  
ECL Exemplary Claim: 31  
DRWN 4 Drawing Figure(s); 4 Drawing Page(s)  
LN.CNT 2037



CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Reduced calorie 1,2-propylene glycol diesters, where one ester group contains a medium chain C.sub.6 -C.sub.12 saturated fatty acid radicals(s), and where the other ester group contains a long chain C.sub.20 -C.sub.24 saturated fatty acid radical(s) are disclosed. These diesters are preferably obtained by the selective esterification of long chain saturated fatty acid monoesters of propylene glycol with the respective medium chain saturated fatty acids or anhydrides. Certain preferred diesters where the medium chain radicals are C.sub.8 and/or C.sub.10 radicals and where the long chain radicals are C.sub.20 and/or C.sub.22 radicals are particularly useful as reduced calorie cocoa butter substitutes and hard butters. Chocolate-flavored products formulated from these preferred diesters, when properly **crystallized**, are bloom resistant, even when subjected to thermal stress.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 44 OF 51 USPATFULL

AN 92:46893 USPATFULL

TI Food compositions containing reduced calorie fats and reduced calorie sugars

IN Mohlenkamp, Jr., Marvin J., Cincinnati, OH, United States

Pflaumer, Phillip F., Hamilton, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 5120563 19920609

AI US 1991-762047 19910918 (7)

DCD 20080820

RLI Continuation of Ser. No. US 1989-454201, filed on 21 Dec 1989, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Golian, Joseph; Assistant Examiner: Wong, Leslie

LREP Gutttag, Eric W., Hemingway, Ronald L., Witte, Richard C.

CLMN Number of Claims: 30

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1388

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Fat-containing and sugar-containing food compositions which comprise: (1) from about 2 to about 98% of a fat component having from about 10 to 100% of certain reduced calorie fats, and (2) from about 2 to about 98% of a sugar component having from about 10 to about 100% of certain reduced calorie sugars are disclosed. Examples of such compositions include flavored confectionery fat products, such as chocolate-flavored candy bars, chocolate-flavored coatings for enrobed products and chocolate-flavored chips, baked good products, such as cakes, brownies and cookies, and emulsified oil products such as margarines and salad dressings.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 45 OF 51 USPATFULL

AN 91:59094 USPATFULL

TI Process for recovery of organotin esters from reaction mixtures containing the same and re-use of the recovered organotin compounds

IN Vernon, Nicholas M., Athens, GA, United States

Walkup, Robert E., Watkinsville, GA, United States

PA Noramco, Inc., Athens, GA, United States (U.S. corporation)

PI US 5034551 19910723

AI US 1990-512690 19900423 (7)

DT Utility

FS Granted

EXNAM Primary Examiner: Prescott, Arthur C.  
LREP Metz, Charles J.  
CLMN Number of Claims: 30  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1150

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process which comprises **extracting** 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl) distannoxane from a mixture containing 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane, a sucrose-6-ester, and polar aprotic solvent, which process comprises the steps of:

(a) contacting said mixture, in the presence of a small amount of **water**, with an organic solvent that is substantially immiscible with **water** to form thereby an **extraction** mixture, wherein the amount of **water** employed is sufficient to cause efficient partitioning of said 1,3-diacyloxy-1,1,3,3-tetra(hydrocarbyl)distannoxane from a first phase comprising said polar aprotic solvent into second phase comprising said organic solvent;

(b) agitating the **extraction** mixture for a period of time and at a temperature sufficient to form thereby a two-phase mixture wherein the preponderance of the 1,3-diacyloxy-1,1,3,3-tetra(hydrocabyl)distannoxane in the **extraction** mixture is contained in said second phase and essentially all of the sucrose-6-ester in the **extraction** mixture is contained in said first phase; and

(c) **separating** said first phase from said second phase.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 46 OF 51 USPATFULL  
AN 91:46787 USPATFULL  
TI Sucrose-6-ester production process  
IN Neiditch, David S., Athens, GA, United States  
Vernon, Nicholas M., Athens, GA, United States  
Wingard, Jr., Robert E., Athens, GA, United States  
PA Noramco, Inc., Athens, GA, United States (U.S. corporation)  
PI US 5023329 19910611  
AI US 1990-512692 19900423 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett  
LREP Metz, Charles J.  
CLMN Number of Claims: 15  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1162

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Process which comprises reacting sucrose with a di-(hydrocarbyl)tin oxide in an inert organic reaction vehicle with **removal** of **water** for a period of time and at a temperature sufficient to produce a 1,3-di-(6-O-sucrose)-1,1,3,3-tetra(hydrocarbyl)distannoxane.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 47 OF 51 USPATFULL  
AN 91:18772 USPATFULL  
TI Method for increasing salivation for xerostomia patients  
IN Corsello, Vincent, Cedar Knolls, NJ, United States  
Glass, Michael, Fair Lawn, NJ, United States  
Ross, Norton, Randolph, NJ, United States  
Hohclick, Joseph, Hopatcong, NJ, United States

PA Bilka, Kenneth P., Floral Park, NY, United States  
Warner-Lambert Company, Morris Plains, NJ, United States (U.S.  
corporation)  
PI US 4997654 19910305  
AI US 1989-393422 19890814 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Spear, James M.  
LREP Scola, Jr., Daniel A., Bullitt, Richard S.  
CLMN Number of Claims: 21  
ECL Exemplary Claim: 1  
DRWN 2 Drawing Figure(s); 2 Drawing Page(s)  
LN.CNT 539  
AB A method for treating xerostomia which comprises chewing gum or candy  
containing from 4 to 70 weight percent xylitol therein.

L9 ANSWER 48 OF 51 USPATFULL  
AN 90:98814 USPATFULL  
TI Sucrose-6-ester chlorination  
IN Walkup, Robert E., Watkinsville, GA, United States  
Navia, Juan L., Athens, GA, United States  
Vernon, Nicholas M., Athens, GA, United States  
PA Noramco, Inc., Atlanta, GA, United States (U.S. corporation)  
PI US 4980463 19901225  
AI US 1989-382147 19890718 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Griffin, Ronald W.; Assistant Examiner: White, Everett  
LREP Metz, Charles J.  
CLMN Number of Claims: 24  
ECL Exemplary Claim: 1  
DRWN 7 Drawing Figure(s); 6 Drawing Page(s)  
LN.CNT 1218  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A process for the chlorination of sucrose-6-esters to produce  
6',4,1'-trichlorosucrose-6-esters which comprises the steps of:

(a) adding at least seven molar equivalents of an acid chloride to a  
reaction mixture containing a sucrose-6-ester and a tertiary amide to  
form initially a chloroformiminium chloride salt which subsequently  
forms a complex with the hydroxyl groups of the sucrose-6-ester;

(b) subjecting the reaction mixture product of step (a) to an elevated  
temperature not higher than about 85.degree. C. for a period of time  
sufficient to produce a mixture of **chlorinated** sucrose-6-ester  
products consisting essentially of 6'-chlorosucrose-6-ester,  
4,6'-dichlorosucrose-6-ester, and 1',6'-dichlorosucrose-6-ester; and

(c) subjecting the reaction mixture product of step (b) to an elevated  
temperature not higher than about 125.degree. C. for a period of time  
sufficient to produce a **chlorinated** product consisting  
essentially of 1',4,6'-trichlorosucrose-6-ester.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 49 OF 51 USPATFULL  
AN 90:23437 USPATFULL  
TI Chewable, peelable, layered soft nougat candies  
IN Crosello, Vincent G., Cedar Knolls, NJ, United States  
Calayan, Carolina, Morris Plains, NJ, United States  
Graff, Allan H., Randolph, NJ, United States  
PA Warner-Lambert Company, Morris Plains, NJ, United States (U.S.  
corporation)

PI US 4911937 19900327  
AI US 1988-211498 19880624 (7)  
DT Utility  
FS Granted  
EXNAM Primary Examiner: Penland, R. B.  
LREP Scola, Jr., Daniel A., Jeannette, Henry C.  
CLMN Number of Claims: 23  
ECL Exemplary Claim: 1  
DRWN No Drawings  
LN.CNT 1111

AB A chewable, peelable nougat candy is disclosed. The candy comprises at least two layers of nougat wherein each layer of nougat is made separable from the adjoining layer of nougat by the interposition of a compound coating. The individual layers of nougat may be of the same or different flavor, and the compound coating may contain flavoring agents.

L9 ANSWER 50 OF 51 USPAT2

AN 2002:61448 USPAT2

TI **Extractive solution crystallization** of chemical compounds

IN Fontenot, Kevin J., Kingsport, TN, United States

PA Eastman Chemical Company, Kingsport, TN, United States (U.S. corporation)

PI US 6500973 B2 20021231

AI US 2001-870988 20010601 (9)

PRAI US 2000-208565P 20000602 (60)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Carr, Deborah D.

LREP Graves, Bernard J., Blake, Michael J.

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN 3 Drawing Figure(s); 3 Drawing Page(s)

LN.CNT 1168

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A process for the **purification** and isolation of a chemical compound, by **extractive solution crystallization**. The process comprises combining in any order a first solvent, a second solvent, and a mixture comprising a chemical compound with at least one impurity. The second solvent phase **extracts** impurities out of the first solvent, and keeps the impurities dissolved to avoid their **co-crystallization** with the phenyl ester salt. Once the chemical compound has **crystallized** out of solution, it is collected, washed and/or dried. The second solvent may be added after the mixture containing at least one chemical compound is dissolved in a first solvent, as long as the second solvent phase is added prior to the end of **crystallization**. Advantageously, this invention combines the previously distinct steps of **extraction** and **crystallization** in one unit operation. The process may be used with a variety of chemical compounds particularly, phenyl ester salts, including but not limited to sodium 4-sulfophenyl-6-[(1-oxynonyl)amino] hexanoate, sodium 4-(nonanoyloxy) benzenesulfonate, and sodium benzyloxybenzenesulphonate.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L9 ANSWER 51 OF 51 USPAT2

AN 2001:155442 USPAT2

TI Coated chewing gum products containing an acid blocker and process of preparing

IN Zyck, Daniel J., North Riverside, IL, United States

Greenberg, Michael J., Northbrook, IL, United States

Barkalow, David G., Deerfield, IL, United States

Marske, Scott W., LaGrange, IL, United States  
Schnell, Philip G., Downers Grove, IL, United States  
Mazzone, Philip, Griffith, IN, United States  
Witkewitz, David L., Bridgeview, IL, United States

PA WM. Wrigley Jr. Company, Chicago, IL, United States (U.S. corporation)  
PI US 6541048 B2 20030401  
AI US 2000-748699 20001222 (9)  
RLI Continuation-in-part of Ser. No. US 2000-552290, filed on 19 Apr 2000  
Continuation of Ser. No. US 1999-389211, filed on 2 Sep 1999, now  
abandoned Continuation of Ser. No. US 748699 Continuation of Ser. No. US  
2000-653669, filed on 1 Sep 2000 Continuation of Ser. No. US  
2000-654464, filed on 1 Sep 2000 Continuation of Ser. No. WO  
1999-US29742, filed on 14 Dec 1999 Continuation-in-part of Ser. No. WO  
1999-US29792, filed on 14 Dec 1999  
DT Utility  
FS GRANTED  
EXNAM Primary Examiner: Corbin, Arthur L.  
LREP Shurtz, Steven P., Brinks Hofer Gilson & Lione  
CLMN Number of Claims: 42  
ECL Exemplary Claim: 1  
DRWN 0 Drawing Figure(s); 0 Drawing Page(s)  
LN.CNT 1116  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.  
AB A method of making coated chewing gum products containing an acid  
blocker comprises the steps of providing chewing gum cores; providing a  
coating syrup comprising a bulk sweetener, providing an acid blocker,  
applying the coating syrup and acid blocker to the cores and drying the  
syrup to produce a coating on the cores, the coating containing the acid  
blocker.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> dis hist

(FILE 'HOME' ENTERED AT 07:59:15 ON 29 MAY 2003)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:59:33 ON 29 MAY 2003

L1 4124 S SUCRALOSE  
L2 336 S L1 AND PURIF?  
L3 220 S L2 AND EXTRACT?  
L4 117 S L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)  
L5 117 S L4 AND (ACETATE OR AQUEOUS OR WATER)  
L6 115 S L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORIN  
L7 0 S L6 AND TETRACHLOROGALACTOTAGATOSE  
L8 0 S L6 AND (HILDEBRAND(W) PARAMETER)  
L9 51 S L6 AND CRYSTALLIZ?  
L10 17 S L9 AND (MOTHER(W) LIQUOR OR RECYCL?)

=> s l2 and (beverage or sweetner)

41 FILES SEARCHED...  
L11 134 L2 AND (BEVERAGE OR SWEETNER)

=> s l11 and (product or food or drink)

22 FILES SEARCHED...  
36 FILES SEARCHED...  
53 FILES SEARCHED...  
L12 134 L11 AND (PRODUCT OR FOOD OR DRINK)

=> dis hist

(FILE 'HOME' ENTERED AT 07:59:15 ON 29 MAY 2003)

FILE 'AGRICOLA, ALUMINIUM, ANABSTR, APOLLIT, AQUIRE, BABS, BIOCOMMERCE, BIOTECHNO, CABA, CAOLD, CAPLUS, CBNB, CEABA-VTB, CEN, CERAB, CIN, COMPENDEX, CONFSCI, COPPERLIT, CORROSION, ENCOMPLIT2, FEDRIP, GENBANK, INSPEC, INSPHYS, INVESTEXT, IPA, JICST-EPLUS, ...' ENTERED AT 07:59:33 ON 29 MAY 2003

L1 4124 S SUCRALOSE  
L2 336 S L1 AND PURIF?  
L3 220 S L2 AND EXTRACT?  
L4 117 S L3 AND (BATCH OR CONTINUOUS OR COUNTERCURRENT)  
L5 117 S L4 AND (ACETATE OR AQUEOUS OR WATER)  
L6 115 S L5 AND (TETRACHLOROSUCROSE OR REMOV? OR SEPARAT? OR CHLORIN  
L7 0 S L6 AND TETRACHLOROGALACTOTAGATOSE  
L8 0 S L6 AND (HILDEBRAND(W) PARAMETER)  
L9 51 S L6 AND CRYSTALLIZ?  
L10 17 S L9 AND (MOTHER(W) LIQUOR OR RECYCL?)  
L11 134 S L2 AND (BEVERAGE OR SWEETNER)  
L12 134 S L11 AND (PRODUCT OR FOOD OR DRINK)

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